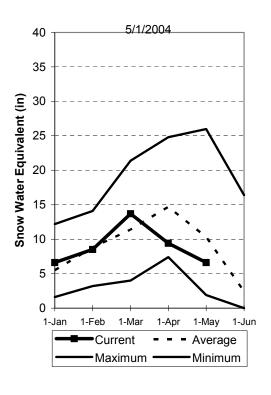
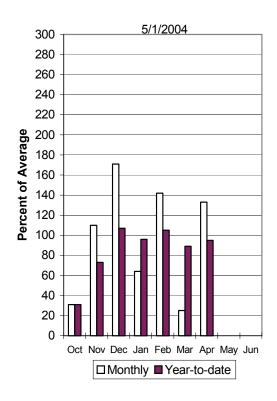
Sevier and Beaver River Basins May 1, 2004

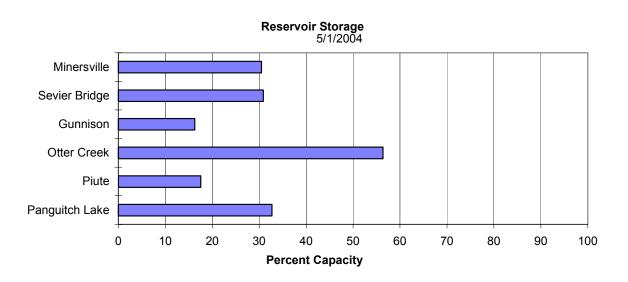
Snowpacks on the Sevier River Basin are much below normal at 64% of average, about 94% of last year, about the same as last month. Individual sites range from 0% to 111% of average. Low and mid elevation snowpacks are gone. Precipitation during April was much above average at 133% of normal, bringing the seasonal accumulation (Oct-Apr) to 95% of average. Soil moisture estimates in runoff producing areas are at 61% of saturation (Sevier) and 27% (Beaver) in the upper 2 feet of soil. Streamflow forecasts range from 16% to 52% of average. Reservoir storage is at 31% of capacity, 11% less than last year. Surface Water Supply Indices are: Upper Sevier 10%, Lower Sevier 17% and Beaver 20%. Water supply conditions remain much below normal due to low snowpack, reservoir storage and soil moisture.

Sevier River Snowpack



Sevier River Precipitation





SEVIER & BEAVER RIVER BASINS

Streamflow Forecasts - May 1, 2004

		 <<======	 					
Forecast Point	Forecast Period	======= 90% (1000AF)	70% (1000AF)		Probable)	30% (1000AF)	10% (1000AF)	 30-Yr Avg. (1000AF)
Sevier River at Hatch	APR-JUL	14.3	19.0	25	46	31	39	55
Sevier River nr Kingston	APR-JUL	29	36	41	46	51	69	89
EF Sevier R nr Kingston	APR-JUL	4.6	10.6	18.0	47	25	43	38
Sevier R blw Piute Dam	APR-JUL	10.0	37	57	45	1 77	123	126
Clear Creek nr Sevier	APR-JUL	4.2	7.5	10.0	46	1 12.5	19.6	22
Salina Creek at Salina	APR-JUL			MUCH BELOW	W AVERAGE	 		19.7
Sevier R nr Gunnison	APR-JUL	64	81	109	39	1 194	335	280
Chicken Creek nr Levan	APR-JUL	0.90	1.17	1.39	31	1.63	2.04	4.50
Oak Creek nr Oak City	APR-JUL	0.39	0.55	0.67	40	0.80	1.02	1.66
Beaver River nr Beaver	APR-JUL	10.2	12.4	14.0	52	1 15.8	18.6	27
Minersville Reservoir inflow	APR-JUL	1.0	1.2	2.6	16	 4.6 	8.7	16.6

SEVIER & Reservoir Storage	SEVIER & BEAVER RIVER BASINS Watershed Snowpack Analysis - May 1, 2004							
Reservoir	Usable Capacity	*** Usa This Year	ble Storac Last Year	re *** Avg	Watershed	Number of ta Sites		r as % of
GUNNISON	20.3	3.3	3.6	15.7	UPPER SEVIER RIVER (south	. 8	127	70
MINERSVILLE (RkyFd)	23.3	7.1	6.0	18.0	EAST FORK SEVIER RIVER	3	191	80
OTTER CREEK	52.5	29.6	38.6	46.0	SOUTH FORK SEVIER RIVER	5	101	66
PIUTE	71.8	12.6	33.7	55.5	LOWER SEVIER RIVER (inclu	ı 6	73	55
SEVIER BRIDGE	236.0	72.9	87.4	183.6	BEAVER RIVER	2	106	76
PANGUITCH LAKE	22.3	7.3	4.9	16.4	SEVIER & BEAVER RIVER BAS	16	97	64

^{* 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.(2) - The value is natural volume - actual volume may be affected by upstream water management.